

Patent Application Number: 10/801,464
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE BOARD OF PATENT APPEALS AND
INTERFERENCES**

On behalf of

Debora M. H. LITWILLER

APPELLANT

Application: **10/801,464**

Examiner: **B. Parker**

Filed: **March 16, 2004**

Group Art Unit: **2174**

Confirmation: **3203**

Title: **SYSTEM AND METHOD FOR DOCUMENT PRODUCTION
VISUALIZATION**

APPELLANT'S BRIEF ON APPEAL

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Debora M. H. LITWILLER **GROUP:** 2174

APPLICATION: 10/801,464 **EXAMINER:** B. Parker

FILED: March 16, 2004 **CONFIRMATION:** 3203

**FOR: SYSTEM AND METHOD FOR DOCUMENT PRODUCTION
VISUALIZATION**

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

APPEAL BRIEF FOR APPELLANT

This Appeal Brief is being submitted in accordance with the Notification of Non-Compliant Appeal Brief, dated March 20, 2008, in connection with the above-identified application.

I. REAL PARTY OF INTEREST

The party of real interest to this appeal is the Assignee, Xerox Corporation.

II. RELATED APPEALS AND INTERFERENCES

The Appellant knows of no other pending appeals or interferences that are related to this instant appeal.

III. STATUS OF CLAIMS

Claims 1-20 are pending in this application. Claims 1-5, 7, 9, 13-17, and 20 are appealed.

IV. STATUS OF AMENDMENTS

The Appellant submitted a Response under 37 C.F.R. 1.116 on November 15, 2007, wherein minor amendments to the claims to correct grammatical and form errors were presented. Since the Examiner, to date, has not formally indicated that these amendments were not entered, the Appellant is submitting this Appeal Brief based upon the assumption that these minor amendments have been entered. The Appellant has not filed any other Responses and/or Amendments subsequent to the Final Office Action, dated September 24, 2007.

V. SUMMARY OF CLAIMED SUBJECT MATTER

In accordance with 37 C.F.R. 41.37(2)(c)(v), the following are concise explanations of the subject matter defined in the independent claims (1, 7, and 16) involved in this Appeal.

Independent Claim 1

Independent claim 1 recites a method of setting a variable value feature, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values, on a user interface, the user interface having

user activatable areas enabling a selection and changing of the variable value feature. The method displays, on the user interface, a first numeric value associated with a user selected variable value feature (see, for example, Figure 6 and page 11, line 20 through page 12, line 2, of the originally filed specification); changes the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature (see, for example, Figure 7 and page 12, lines 3-13, of the originally filed specification); and determines if an annotated message is associated with the displayed second numeric value associated with the selected variable value feature, the annotated message expressing information equivalent to the displayed second numeric value in a non-numeric form (see, for example, reference S5 of Figure 13; page 12, lines 3-13; and page 17, line 1 through page 18, line 3 of the originally filed specification).

The method displays the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message and displays no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message (see, for example, Figure 7; Figure 8; Figure 13; page 12, lines 3-26; and page 17, line 1 through page 18, line 3 of the originally filed specification).

Independent Claim 7

Independent claim 7 recites a user interface for selecting and setting a variable value feature, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values. The user interface includes a display area to display a first numeric value associated with a user selected variable value feature (see, for example, Figure 6 and page 11, line 20 through page 12, line 2, of the originally filed specification); a user activatable area to change the displayed first numeric value associated with the selected variable value feature by a

predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature (see, for example, Figure 7 and page 12, lines 3-13, of the originally filed specification); a memory for storing a number of annotated messages, each annotated message being associated a numeric value of the user selected variable value feature, the annotated message expressing information equivalent to the associated numeric value of the user selected variable value feature in a non-numeric form (see, for example, page 12, lines 3-26, and page 17, line 1 through page 18, line 3 of the originally filed specification); and a controller to determine if a stored annotated message is associated with the displayed second numeric value associated with the selected variable value feature (see, for example, page 12, lines 3-26, and page 17, line 1 through page 18, line 3 of the originally filed specification).

The controller causes the display area to display the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message (see, for example, page 12, lines 3-26, and page 17, line 1 through page 18, line 3 of the originally filed specification). The controller causes the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message (see, for example, page 12, lines 3-26, and page 17, line 1 through page 18, line 3 of the originally filed specification).

Independent Claim 16

Independent claim 16 recites a method of setting a variable value feature on a control panel, the variable value feature having a plurality of values associated therewith, wherein the plurality of values include a default value, at least one industry accepted standard value, and a plurality of non-default values, the control panel having user activatable areas enabling a selection and changing of the variable value feature. The method displays, on a display device, a first numeric value associated with a user selected variable value feature (see, for example, Figure 6 and page 11, line 20 through page 12, line 2, of the originally filed specification); changes the displayed first numeric

value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging one of the user activatable areas of the control panel associated with the selected variable value feature (see, for example, Figure 7 and page 12, lines 3-13, of the originally filed specification); determines if the displayed second numeric value is an industry accepted standard value associated with the displayed second numeric value (see, for example, reference S5 of Figure 13; page 12, lines 3-13; and page 17, line 1 through page 18, line 3 of the originally filed specification); displays an annotated message corresponding to the industry accepted standard value along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature, the annotated message expressing the industry accepted standard value associated with the displayed second numeric value in a non-numeric form (see, for example, Figure 7; Figure 8; Figure 13; page 12, lines 3-26; and page 17, line 1 through page 18, line 3 of the originally filed specification); and displays no annotated message when it is determined that the displayed second numeric value is not an industry accepted standard value associated with the selected variable value feature (see, for example, Figure 7; Figure 8; Figure 13; page 12, lines 3-26; and page 17, line 1 through page 18, line 3 of the originally filed specification).

VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

The issue is whether claims 1-20 are patentable over Frederiksen et al. (US Patent 6,859,287) in accordance with 35 U.S.C. §102(e).

VII. ARGUMENTS

Claims 1-20 have been rejected under 35 U.S.C. §102(e) as being anticipated by Frederiksen et al. (US Patent 6,859,287). This rejection under 35 U.S.C. §102(e) over Frederiksen et al. is respectfully traversed.

Independent Claim 1

As set forth above, independent claim 1 sets forth a method of setting a variable value feature, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values, on a user interface, the user interface having user activatable areas enabling a selection and changing of the variable value feature. The method displays, on the user interface, a first numeric value associated with a user selected variable value feature; changes the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature; and determines if an annotated message is associated with the displayed second numeric value associated with the selected variable value feature, the annotated message expressing information equivalent to the displayed second numeric value in a non-numeric form.

The method displays the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message and displays no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message.

The Examiner alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected variable value feature, as set forth by independent claim 1.

The Examiner further alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected variable value feature by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected variable value feature.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the magnification value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate

displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

In summary, Frederiksen et al. fails to anticipate, as set forth by independent claim 1:

(1) displaying, on the user interface, a first numeric value associated with a user selected variable value feature;

(2) changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature;

(3) displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message; and/or

(4) displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message.

Dependent Claim 2

As set forth above, dependent claim 2, incorporating the limitations of independent claim 1, sets forth a method of setting a magnification function, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values, on a user interface, the user interface having user activatable areas enabling a selection and changing of the magnification function.

The method displays, on the user interface, a first numeric value associated with a user selected magnification function; changes the displayed first numeric value associated with the selected magnification function by a predetermined numeric amount so as to display a second numeric value associated with the selected magnification function by a user engaging a user activatable area of the user interface associated with the selected magnification function; and determines if an annotated message is associated with the displayed second numeric value associated with the selected magnification function, the annotated message expressing information equivalent to the displayed second numeric value in a non-numeric form.

The method displays the annotated message associated with the selected magnification function along with the displayed second numeric value associated with the selected magnification function when it is determined that the displayed second value associated with the selected magnification function has an associated annotation message and displays no annotated message when it is determined that the displayed second numeric value associated with the selected magnification function has no associated annotation message.

The Examiner apparently alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected magnification function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected magnification function, as set forth by dependent claim 2, incorporating the limitations of independent claim 1.

The Examiner further apparently alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected magnification function by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected magnification function by a user engaging a user

activatable area (54 and 56) of the user interface associated with the selected magnification function.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the magnification value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected magnification function by a predetermined numeric amount so as to display a second numeric value associated with the selected magnification function by a user engaging a user activatable area of the user interface associated with the selected magnification function.

Moreover, the Examiner apparently alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected magnification function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is

changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected magnification function along with the displayed second numeric value associated with the selected magnification function when it is determined that the displayed second value associated with the selected magnification function has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected magnification function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected magnification function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected magnification function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

In summary, Frederiksen et al. fails to anticipate, as set forth by dependent claim 2, incorporating the limitations of independent claim 1:

(1) displaying, on the user interface, a first numeric value associated with a user selected magnification function;

(2) changing the displayed first numeric value associated with the selected magnification function by a predetermined numeric amount so as to display a second numeric value associated with the selected magnification function by a user engaging a user activatable area of the user interface associated with the selected magnification function;

(3) displaying the annotated message associated with the selected magnification function along with the displayed second numeric value associated with the selected magnification function when it is determined that the displayed second value associated with the selected magnification function has an associated annotation message; and/or

(4) displaying no annotated message when it is determined that the displayed second numeric value associated with the selected magnification function has no associated annotation message.

Dependent Claim 3

As set forth above, dependent claim 3, incorporating the limitations of independent claim 1, sets forth a method of setting a facsimile transmission function, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values, on a user interface, the user interface having user activatable areas enabling a selection and changing of the facsimile transmission function. The method displays, on the user interface, a first numeric value associated with a user selected facsimile transmission function; changes the displayed first numeric value associated with the selected facsimile transmission function by a predetermined numeric amount so as to display a second numeric value associated

with the selected facsimile transmission function by a user engaging a user activatable area of the user interface associated with the selected facsimile transmission function; and determines if an annotated message is associated with the displayed second numeric value associated with the selected facsimile transmission function, the annotated message expressing information equivalent to the displayed second numeric value in a non-numeric form.

The method displays the annotated message associated with the selected facsimile transmission function along with the displayed second numeric value associated with the selected facsimile transmission function when it is determined that the displayed second value associated with the selected facsimile transmission function has an associated annotation message and displays no annotated message when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has no associated annotation message.

The Examiner apparently alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected facsimile transmission function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected facsimile transmission function, as set forth by dependent claim 3, incorporating the limitations of independent claim 1.

The Examiner further apparently alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected facsimile transmission function by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected facsimile transmission function by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected facsimile transmission function.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the facsimile transmission value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected facsimile transmission function by a predetermined numeric amount so as to display a second numeric value associated with the selected facsimile transmission function by a user engaging a user activatable area of the user interface associated with the selected facsimile transmission function.

Moreover, the Examiner apparently alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected facsimile transmission function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is

changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected facsimile transmission function along with the displayed second numeric value associated with the selected facsimile transmission function when it is determined that the displayed second value associated with the selected facsimile transmission function has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

In summary, Frederiksen et al. fails to anticipate, as set forth by dependent claim 3, incorporating the limitations of independent claim 1:

(1) displaying, on the user interface, a first numeric value associated with a user selected facsimile transmission function;

(2) changing the displayed first numeric value associated with the selected facsimile transmission function by a predetermined numeric amount so as to display a second numeric value associated with the selected facsimile transmission function by a user engaging a user activatable area of the user interface associated with the selected facsimile transmission function;

(3) displaying the annotated message associated with the selected facsimile transmission function along with the displayed second numeric value associated with the selected facsimile transmission function when it is determined that the displayed second value associated with the selected facsimile transmission function has an associated annotation message; and/or

(4) displaying no annotated message when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has no associated annotation message.

Dependent Claim 4

As set forth above, dependent claim 4, incorporating the limitations of independent claim 1, sets forth a method of setting a contrast function, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values, on a user interface, the user interface having user activatable areas enabling a selection and changing of the contrast function. The method displays, on the user interface, a first numeric value associated with a user selected contrast function; changes the displayed first numeric value associated with the selected contrast function by a predetermined numeric amount so as to display a

second numeric value associated with the selected contrast function by a user engaging a user activatable area of the user interface associated with the selected contrast function; and determines if an annotated message is associated with the displayed second numeric value associated with the selected contrast function, the annotated message expressing information equivalent to the displayed second numeric value in a non-numeric form.

The method displays the annotated message associated with the selected contrast function along with the displayed second numeric value associated with the selected contrast function when it is determined that the displayed second value associated with the selected contrast function has an associated annotation message and displays no annotated message when it is determined that the displayed second numeric value associated with the selected contrast function has no associated annotation message.

The Examiner apparently alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected contrast function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected contrast function, as set forth by dependent claim 4, incorporating the limitations of independent claim 1.

The Examiner further apparently alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected contrast function by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected contrast function by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected contrast function.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user

changes the contrast value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected contrast function by a predetermined numeric amount so as to display a second numeric value associated with the selected contrast function by a user engaging a user activatable area of the user interface associated with the selected contrast function.

Moreover, the Examiner apparently alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected contrast function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected contrast function along with the displayed second numeric value associated with the selected

contrast function when it is determined that the displayed second value associated with the selected contrast function has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected contrast function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected contrast function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected contrast function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

In summary, Frederiksen et al. fails to anticipate, as set forth by dependent claim 4, incorporating the limitations of independent claim 1:

(1) displaying, on the user interface, a first numeric value associated with a user selected contrast function;

(2) changing the displayed first numeric value associated with the selected contrast function by a predetermined numeric amount so as to display a second numeric value associated with the selected contrast function by a user engaging a user activatable area of the user interface associated with the selected contrast function;

(3) displaying the annotated message associated with the selected contrast function along with the displayed second numeric value associated with the selected contrast function when it is determined that the displayed second value associated with the selected contrast function has an associated annotation message; and/or

(4) displaying no annotated message when it is determined that the displayed second numeric value associated with the selected contrast function has no associated annotation message.

Dependent Claim 5

As set forth above, dependent claim 5, incorporating the limitations of independent claim 1, sets forth a method of setting a variable value feature, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values, on a user interface, the user interface having user activatable areas enabling a selection and changing of the variable value feature. The method displays, on the user interface, a first numeric value associated with a user selected variable value feature; changes the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature; and determines if an annotated message is associated with the displayed second numeric value associated with the selected variable value feature, the annotated message expressing information equivalent to the displayed second numeric value in a non-numeric form.

The method displays the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message and displays no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message. The method further disables the user activatable area of the user interface associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message so as to allow the user to become aware of the displayed annotated message.

The Examiner alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected variable value feature, as set forth by dependent claim 5, incorporating the limitations of independent claim 1.

The Examiner further alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected variable value feature by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected variable value feature.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the magnification value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and

56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected

variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message “Letter” (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner’s argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Lastly, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 34-39, disabling the user activatable area of the user interface associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message so as to allow the user to become aware of the displayed annotated message.

As noted above, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate disabling the user activatable area of the user interface associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message so as to allow the user to become aware of the displayed annotated message.

In summary, Frederiksen et al. fails to anticipate, as set forth by dependent claim 5, incorporating the limitations of independent claim 1:

(1) displaying, on the user interface, a first numeric value associated with a user selected variable value feature;

(2) changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature;

(3) displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message;

(4) displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message; and/or

(5) disabling the user activatable area of the user interface associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message so as to allow the user to become aware of the displayed annotated message.

Independent Claim 7

As set forth above, independent claim 7 sets forth a user interface for selecting and setting a variable value feature, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values. The user interface includes a display area to display a first numeric value associated with a user selected variable value feature; a user activatable area to change the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature; a memory for storing a number of annotated messages, each annotated message being associated a numeric value of the user selected variable value feature, the annotated message expressing information equivalent to the associated numeric value of the user selected variable value feature in a non-numeric form; and a controller to determine if a stored annotated message is associated with the displayed second numeric value associated with the selected variable value feature.

The controller causes the display area to display the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message. The controller causes the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message.

The Examiner alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected variable value feature, as set forth by independent claim 7.

The Examiner further alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected variable value feature by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected variable value feature.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the magnification value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at

column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

In summary, Frederiksen et al. fails to anticipate, as set forth by independent claim 7:

(1) a display area to display a first numeric value associated with a user selected variable value feature;

(2) a user activatable area to change the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature;

(3) a controller causing the display area to display the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message; and/or

(4) the controller causing the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message.

Dependent Claim 9

As set forth above, dependent claim 9, incorporating the limitations of independent claim 7, sets forth a user interface for selecting and setting a variable value feature, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values. The user interface includes a display area to display a first numeric value associated with a user selected variable value feature; a user activatable area to change the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature; a memory for storing a number of annotated messages, each annotated message being associated a numeric value of the user selected variable value feature, the annotated message expressing information equivalent to the associated numeric value of the user selected variable value feature in a non-numeric form; and a controller to determine if a stored annotated message is associated with the displayed second numeric value associated with the selected variable value feature.

The controller causes the display area to display the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message. The controller causes the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message. The controller disables the user activatable area of the user interface associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message so as to allow the user to become aware of the displayed annotated message.

The Examiner alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected variable value feature, as set forth by dependent claim 9, incorporating the limitations of independent claim 7.

The Examiner further alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected variable value feature by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected variable value feature.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the magnification value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Lastly, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 34-39, disabling the user activatable area of the user interface associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message so as to allow the user to become aware of the displayed annotated message.

As noted above, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate disabling the user activatable area of the user interface associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second

numeric value associated with the selected variable value feature has an associated annotation message so as to allow the user to become aware of the displayed annotated message.

In summary, Frederiksen et al. fails to anticipate, as set forth by dependent claim 9, incorporating the limitations of independent claim 7:

(1) a display area to display a first numeric value associated with a user selected variable value feature;

(2) a user activatable area to change the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature;

(3) a controller causing the display area to display the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message;

(4) the controller causing the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message; and/or

(5) the controller disabling the user activatable area of the user interface associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message so as to allow the user to become aware of the displayed annotated message.

Dependent Claim 13

As set forth above, as set forth by dependent claim 13, incorporating the limitations of independent claim 7, sets forth a user interface for selecting and setting a magnification function, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values. The user interface includes a display area to display a first numeric value associated with a user selected magnification function; a user activatable area to change the displayed first

numeric value associated with the selected magnification function by a predetermined numeric amount so as to display a second numeric value associated with the selected magnification function; a memory for storing a number of annotated messages, each annotated message being associated a numeric value of the user selected magnification function, the annotated message expressing information equivalent to the associated numeric value of the user selected magnification function in a non-numeric form; and a controller to determine if a stored annotated message is associated with the displayed second numeric value associated with the selected magnification function.

The controller causes the display area to display the annotated message associated with the selected magnification function along with the displayed second numeric value associated with the selected magnification function when it is determined that the displayed second numeric value associated with the selected magnification function has an associated annotation message. The controller causes the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected magnification function has no associated annotation message.

The Examiner alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected magnification function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected magnification function, as set forth by as set forth by dependent claim 13, incorporating the limitations of independent claim 7.

The Examiner further alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected magnification function by a predetermined numeric amount so as to display a second numeric value (62) associated with the

selected magnification function by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected magnification function.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the magnification value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected magnification function by a predetermined numeric amount so as to display a second numeric value associated with the selected magnification function by a user engaging a user activatable area of the user interface associated with the selected magnification function.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected magnification function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is

changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected magnification function along with the displayed second numeric value associated with the selected magnification function when it is determined that the displayed second value associated with the selected magnification function has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected magnification function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected magnification function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected magnification function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

In summary, Frederiksen et al. fails to anticipate, as set forth by as set forth by dependent claim 13, incorporating the limitations of independent claim 7:

(1) a display area to display a first numeric value associated with a user selected magnification function;

(2) a user activatable area to change the displayed first numeric value associated with the selected magnification function by a predetermined numeric amount so as to display a second numeric value associated with the selected magnification function;

(3) a controller causing the display area to display the annotated message associated with the selected magnification function along with the displayed second numeric value associated with the selected magnification function when it is determined that the displayed second numeric value associated with the selected magnification function has an associated annotation message; and/or

(4) the controller causing the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected magnification function has no associated annotation message.

Dependent Claim 14

As set forth above, as set forth by dependent claim 14, incorporating the limitations of independent claim 7, sets forth a user interface for selecting and setting a facsimile transmission function, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values. The user interface includes a display area to display a first numeric value associated with a user selected facsimile transmission function; a user activatable area to change the displayed first numeric value associated with the selected facsimile transmission function by a predetermined numeric amount so as to display a second numeric value associated with the selected facsimile transmission function; a memory

for storing a number of annotated messages, each annotated message being associated a numeric value of the user selected facsimile transmission function, the annotated message expressing information equivalent to the associated numeric value of the user selected facsimile transmission function in a non-numeric form; and a controller to determine if a stored annotated message is associated with the displayed second numeric value associated with the selected facsimile transmission function.

The controller causes the display area to display the annotated message associated with the selected facsimile transmission function along with the displayed second numeric value associated with the selected facsimile transmission function when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has an associated annotation message. The controller causes the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has no associated annotation message.

The Examiner alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected facsimile transmission function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected facsimile transmission function, as set forth by as set forth by dependent claim 14, incorporating the limitations of independent claim 7.

The Examiner further alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected facsimile transmission function by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected facsimile transmission function by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected facsimile transmission function.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the facsimile transmission value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected facsimile transmission function by a predetermined numeric amount so as to display a second numeric value associated with the selected facsimile transmission function by a user engaging a user activatable area of the user interface associated with the selected facsimile transmission function.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected facsimile transmission function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is

changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected facsimile transmission function along with the displayed second numeric value associated with the selected facsimile transmission function when it is determined that the displayed second value associated with the selected facsimile transmission function has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

In summary, Frederiksen et al. fails to anticipate, as set forth by as set forth by dependent claim 14, incorporating the limitations of independent claim 7:

(1) a display area to display a first numeric value associated with a user selected facsimile transmission function;

(2) a user activatable area to change the displayed first numeric value associated with the selected facsimile transmission function by a predetermined numeric amount so as to display a second numeric value associated with the selected facsimile transmission function;

(3) a controller causing the display area to display the annotated message associated with the selected facsimile transmission function along with the displayed second numeric value associated with the selected facsimile transmission function when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has an associated annotation message; and/or

(4) the controller causing the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected facsimile transmission function has no associated annotation message.

Dependent Claim 15

As set forth above, as set forth by dependent claim 15, incorporating the limitations of independent claim 7, sets forth a user interface for selecting and setting a contrast function, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values. The user interface includes a display area to display a first numeric value associated with a user selected contrast function; a user activatable area to change the displayed first numeric value associated with the selected contrast function by a predetermined numeric amount so as to display a second numeric value associated with the selected contrast function; a memory for storing a number of annotated messages, each annotated

message being associated a numeric value of the user selected contrast function, the annotated message expressing information equivalent to the associated numeric value of the user selected contrast function in a non-numeric form; and a controller to determine if a stored annotated message is associated with the displayed second numeric value associated with the selected contrast function.

The controller causes the display area to display the annotated message associated with the selected contrast function along with the displayed second numeric value associated with the selected contrast function when it is determined that the displayed second numeric value associated with the selected contrast function has an associated annotation message. The controller causes the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected contrast function has no associated annotation message.

The Examiner alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected contrast function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected contrast function, as set forth by as set forth by dependent claim 15, incorporating the limitations of independent claim 7.

The Examiner further alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected contrast function by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected contrast function by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected contrast function.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user

changes the contrast value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected contrast function by a predetermined numeric amount so as to display a second numeric value associated with the selected contrast function by a user engaging a user activatable area of the user interface associated with the selected contrast function.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected contrast function.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected contrast function along with the displayed second numeric value associated with the selected

contrast function when it is determined that the displayed second value associated with the selected contrast function has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected contrast function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected contrast function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected contrast function has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

In summary, Frederiksen et al. fails to anticipate, as set forth by as set forth by dependent claim 15, incorporating the limitations of independent claim 7:

(1) a display area to display a first numeric value associated with a user selected contrast function;

(2) a user activatable area to change the displayed first numeric value associated with the selected contrast function by a predetermined numeric amount so as to display a second numeric value associated with the selected contrast function;

(3) a controller causing the display area to display the annotated message associated with the selected contrast function along with the displayed second numeric value associated with the selected contrast function when it is determined that the displayed second numeric value associated with the selected contrast function has an associated annotation message; and/or

(4) the controller causing the display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected contrast function has no associated annotation message.

Independent Claim 16

As set forth above, independent claim 16 sets forth a method of setting a variable value feature on a control panel, the variable value feature having a plurality of values associated therewith, wherein the plurality of values include a default value, at least one industry accepted standard value, and a plurality of non-default values, the control panel having user activatable areas enabling a selection and changing of the variable value feature. The method displays, on a display device, a first numeric value associated with a user selected variable value feature; changes the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging one of the user activatable areas of the control panel associated with the selected variable value feature; determines if the displayed second numeric value is an industry accepted standard value associated with the displayed second numeric value; displays an annotated message corresponding to the industry accepted standard value along with the displayed second numeric value associated with

the selected variable value feature when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature, the annotated message expressing the industry accepted standard value associated with the displayed second numeric value in a non-numeric form; and displays no annotated message when it is determined that the displayed second numeric value is not an industry accepted standard value associated with the selected variable value feature.

The Examiner alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected variable value feature, as set forth by independent claim 16.

The Examiner further alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected variable value feature by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected variable value feature.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the magnification value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if the displayed second numeric value is an industry accepted standard value associated with the displayed second numeric value.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message corresponding to the industry accepted standard value associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message corresponding to the industry accepted standard value associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying an annotated message corresponding to the industry accepted standard value along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature, the annotated message expressing the industry accepted standard value associated with the displayed second numeric value in a non-numeric form.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value is not an industry accepted standard value associated with the selected variable value feature. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value is not an industry accepted standard value associated with the selected variable value feature.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value is not an industry accepted standard value associated with the selected variable value feature.

In summary, Frederiksen et al. fails to anticipate, as set forth by independent claim 16:

(1) displaying, on the user interface, a first numeric value associated with a user selected variable value feature;

(2) changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature;

(3) displaying an annotated message corresponding to the industry accepted standard value along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature, the annotated message expressing the industry accepted standard value associated with the displayed second numeric value in a non-numeric form; and/or

(4) displaying no annotated message when it is determined that the displayed second numeric value is not an industry accepted standard value associated with the selected variable value feature.

Dependent Claim 17

As set forth above, dependent claim 17, incorporating the limitations of independent claim 16, sets forth a method of setting a variable value feature on a control panel, the variable value feature having a plurality of values associated therewith, wherein the plurality of values include a default value, at least one industry accepted standard value, and a plurality of non-default values, the control panel having user activatable areas enabling a selection and changing of the variable value feature.

The method displays, on a display device, a first numeric value associated with a user selected variable value feature; changes the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging one of the user activatable areas of the control panel associated with the selected variable value feature; determines if the displayed second numeric value is an industry accepted standard value associated with the displayed second numeric value; displays an annotated message corresponding to the industry accepted standard value along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature, the annotated message expressing the industry accepted standard value associated with the displayed second numeric value in a non-numeric form; and displays no annotated message when it is determined that the displayed

second numeric value is not an industry accepted standard value associated with the selected variable value feature.

The method further disables the user activatable areas of the control panel associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature so as to allow the user to become aware of the displayed annotated message.

The Examiner alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected variable value feature, as set forth by dependent claim 17, incorporating the limitations of independent claim 16.

The Examiner further alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected variable value feature by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected variable value feature.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the magnification value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and 56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document

size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that

the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message "Letter" (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner's argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Lastly, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 34-39, disabling the user activatable areas of the control panel associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value is an industry accepted standard value

associated with the selected variable value feature so as to allow the user to become aware of the displayed annotated message.

As noted above, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate disabling the user activatable areas of the control panel associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature so as to allow the user to become aware of the displayed annotated message.

In summary, Frederiksen et al. fails to anticipate, as set forth by dependent claim 17, incorporating the limitations of independent claim 16:

(1) displaying, on the user interface, a first numeric value associated with a user selected variable value feature;

(2) changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature;

(3) displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message;

(4) displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message; and/or

(5) disabling the user activatable areas of the control panel associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature so as to allow the user to become aware of the displayed annotated message.

Dependent Claim 20

As set forth above, dependent claim 20, incorporating the limitations of independent claim 16, sets forth a method of setting a variable value feature on a control panel, the variable value feature having a plurality of values associated therewith, wherein the plurality of values include a default value, at least one industry accepted standard value, and a plurality of non-default values, the control panel having user activatable areas enabling a selection and changing of the variable value feature. The method displays, on a display device, a first numeric value associated with a user selected variable value feature; changes the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging one of the user activatable areas of the control panel associated with the selected variable value feature; determines if the displayed second numeric value is an industry accepted standard value associated with the displayed second numeric value; displays an annotated message corresponding to the industry accepted standard value along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature, the annotated message expressing the industry accepted standard value associated with the displayed second numeric value in a non-numeric form; and displays no annotated message when it is determined that the displayed second numeric value is not an industry accepted standard value associated with the selected variable value feature.

The method further disables the user activatable areas of the control panel associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature so as to allow the user to become aware of the displayed annotated message; determines whether the displayed second numeric value associated with the selected variable value feature is a

minimum value for the selected variable value feature; disables a user activatable area of the control panel associated selected variable value feature that enables the value of the selected variable value feature to be decremented when it is determined that the displayed second numeric value associated with the selected variable value feature is a minimum value for the selected variable value feature; determines whether the displayed second numeric value associated with the selected variable value feature is a maximum value for the selected variable value feature; and disables a user activatable area of the control panel associated selected variable value feature that enables the value of the selected variable value feature to be incremented when it is determined that the displayed second numeric value associated with the selected variable value feature is a maximum value for the selected variable value feature.

The Examiner alleges that Frederiksen et al. illustrates, by reference item 64 of Figure 1, that the copier displays, on the user interface, a first numeric value associated with a user selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate displaying, on the user interface, a first numeric value associated with a user selected variable value feature, as set forth by dependent claim 20, incorporating the limitations of independent claim 16.

The Examiner further alleges that Frederiksen et al. illustrates, by reference items 54, 56, 62, and 64 of Figure 1, that the copier changes the displayed first numeric value (64) associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value (62) associated with the selected variable value feature by a user engaging a user activatable area (54 and 56) of the user interface associated with the selected variable value feature.

In contrast, Frederiksen et al. illustrates, in Figure 1, that the graphical document image 64 (the Examiner's alleged first numeric value) does not change as the user changes the magnification value through actuation of buttons 54 and 56. Furthermore, Frederiksen et al. teaches, at column 3, lines 29-38, that the actuation of buttons 54 and

56 changes the numeric display in window 52 wherein the numeric values represent the copy image size, not reference item 64 of Figure 1. Moreover, Frederiksen et al. teaches, at column 2, lines 53-65, that reference item 62 of Figure 1 displays document size (36), number of sides (38), page type (40), and page orientation (42). Frederiksen et al. fails to anticipate that reference item 62 of Figure 1 displays copy image size.

Therefore, contrary to the Examiner's assertion, Frederiksen et al. fails to anticipate changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 55-62, that the copier determines if an annotated message is associated with the displayed second value associated with the selected variable value feature.

In contrast, Frederiksen et al. teaches, at column 3, lines 55-62, that reference item 64 of Figure 1 is a graphical document image corresponding to a selected document size. Frederiksen et al. fails to anticipate, at column 3, lines 55-62, that reference item 64 of Figure 1 is an annotated message associated with the displayed second value. Moreover, the Examiner asserted that reference item 64 of Figure 1 is the claimed displayed first numeric value.

In view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 can be both the claimed displayed first numeric value and an annotated message associated with the displayed second value. Furthermore, in view of the Examiner's arguments, it is respectfully requested that the Examiner precisely explain how reference item 64 of Figure 1 is changed by a predetermined numeric amount so as to display a second numeric value and also be an annotated message associated with the displayed second value.

It is clear from the Examiner's own arguments that Frederiksen et al. fails to anticipate displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected

variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message.

Moreover, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 29-39, that the copier displays no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form. The Examiner further argues that Frederiksen et al. discloses, at column 3, lines 29-39, that section 28 displays an annotated message “Letter” (the Examiner points to reference number 64 of Figure 1) and section 30 does not display an annotated message (the Examiner points to reference number 52 of Figure 1 wherein the size of the copy image is displayed).

In contrast, Frederiksen et al. discloses, at column 3, lines 29-39, that the size of the copy image can be displayed in block 52. Moreover, Frederiksen et al. discloses, at column 3, lines 29-39, that the contrast of the copy image can be modified by buttons 58 and 60.

Contrary, to the Examiner’s argument, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Thus, Frederiksen et al. fails to anticipate displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message wherein the annotated message expresses information equivalent to the displayed second numeric value in a non-numeric form.

Lastly, the Examiner alleges that Frederiksen et al. discloses, at column 3, lines 34-39, disabling the user activatable areas of the control panel associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature so as to allow the user to become aware of the displayed annotated message.

As noted above, Frederiksen et al. discloses, at column 3, lines 29-39, that a graphical document image (reference number 64 of Figure 1) is displayed at the same time as the numeric value for the size of the copy image is displayed (reference number 52 of Figure 1). This concurrent displaying of a graphical document image and the numeric value for the size of the copy image fails to anticipate disabling the user activatable areas of the control panel associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature so as to allow the user to become aware of the displayed annotated message.

In summary, Frederiksen et al. fails to anticipate, as set forth by dependent claim 20, incorporating the limitations of independent claim 16:

(1) displaying, on the user interface, a first numeric value associated with a user selected variable value feature;

(2) changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature;

(3) displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message;

(4) displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message; and/or

(5) disabling the user activatable areas of the control panel associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature so as to allow the user to become aware of the displayed annotated message.

Remaining Dependent Claims

With respect to dependent claims 6, 8, 10-12, 18, and 19, these claims stand and fall with the patentability of independent claims 1, 7, and 16.

Accordingly, in view of all the reasons set forth above, the Honorable Board is respectfully requested to reconsider and overturn the present rejection under 35 U.S.C. §102.

Conclusion

Accordingly, for all the reasons set forth above, the Honorable Board is respectfully requested to reverse all the outstanding rejections. Also, an early indication of allowability is earnestly solicited.

Respectfully submitted,



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VIII. CLAIMS APPENDIX

1. (Appealed) A method of setting a variable value feature, having a plurality of values associated therewith wherein the plurality of values include a default value and a plurality of non-default values, on a user interface, the user interface having user activatable areas enabling a selection and changing of the variable value feature, comprising:

(a) displaying, on the user interface, a first numeric value associated with a user selected variable value feature;

(b) changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging a user activatable area of the user interface associated with the selected variable value feature;

(c) determining if an annotated message is associated with the displayed second numeric value associated with the selected variable value feature, the annotated message expressing information equivalent to the displayed second numeric value in a non-numeric form;

(d) displaying the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second value associated with the selected variable value feature has an associated annotation message; and

(e) displaying no annotated message when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message.

2. (Appealed) The method as claimed in claim 1, wherein the selected variable value feature is a magnification function.

3. (Appealed) The method as claimed in claim 1, wherein the selected variable value feature is a facsimile transmission function.

4. (Appealed) The method as claimed in claim 1, wherein the selected variable value feature is a contrast function.

5. (Appealed) The method as claimed in claim 1, further comprising:

(f) disabling the user activatable area of the user interface associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message so as to allow the user to become aware of the displayed annotated message.

6. (Appealed) The method as claimed in claim 1, further comprising:

(f) determining whether the displayed second numeric value associated with the selected variable value feature is a minimum value for the selected variable value feature;

(g) disabling a user activatable area of the user interface associated selected variable value feature that enables the value of the selected variable value feature to be decremented when it is determined that the displayed second numeric value associated with the selected variable value feature is a minimum value for the selected variable value feature;

(h) determining whether the displayed second numeric value associated with the selected variable value feature is a maximum value for the selected variable value feature; and

(i) disabling a user activatable area of the user interface associated selected variable value feature that enables the value of the selected variable value feature to be incremented when it is determined that the displayed second numeric value associated with the selected variable value feature is a maximum value for the selected variable value feature.

7. (Appealed) A user interface for selecting and setting a variable value feature, having a plurality of values associated therewith wherein the plurality of values includes a default value and a plurality of non-default values, comprising:

a display area to display a first numeric value associated with a user selected variable value feature;

a user activatable area to change the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature;

a memory for storing a number of annotated messages, each annotated message being associated a numeric value of the user selected variable value feature, the annotated message expressing information equivalent to the associated numeric value of the user selected variable value feature in a non-numeric form; and

a controller to determine if a stored annotated message is associated with the displayed second numeric value associated with the selected variable value feature;

said controller causing said display area to display the annotated message associated with the selected variable value feature along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message;

said controller causing said display area to display no annotated message associated when it is determined that the displayed second numeric value associated with the selected variable value feature has no associated annotation message.

8. (Appealed) The user interface as claimed in claim 7, wherein said user activatable area includes an up user activatable area to increment the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount and a down user activatable area to decrement the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount.

9. (Appealed) The user interface as claimed in claim 7, wherein said controller disables the user activatable area of the user interface associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value associated with the selected variable value feature has an associated annotation message so as to allow the user to become aware of the displayed annotated message.

10. (Appealed) The user interface as claimed in claim 8, wherein said up user activatable area is a first push button and said down user activatable area is a second push button.

11. (Appealed) The user interface as claimed in claim 8, wherein said up user activatable area is a first area on a touch screen and said down user activatable area is a second area on a touch screen.

12. (Appealed) The user interface as claimed in claim 7, wherein said controller determines whether the displayed second numeric value associated with the selected variable value feature is a minimum value for the selected variable value feature; disables a user activatable area of the user interface associated selected variable value feature that enables the numeric value of the selected variable value feature to be decremented when it is determined that the displayed second numeric value associated with the selected variable value feature is a minimum value for the selected variable value feature; determines whether the displayed second numeric value associated with the selected variable value feature is a maximum value for the selected variable value feature; and disables a user activatable area of the user interface associated selected variable value feature that enables the numeric value of the selected variable value feature to be incremented when it is determined that the displayed second numeric value associated with the selected variable value feature is a maximum value for the selected variable value.

13. (Appealed) The user interface as claimed in claim 7, wherein the selected variable value feature is a magnification function.

14. (Appealed) The user interface as claimed in claim 7, wherein the selected variable value feature is a facsimile transmission function.

15. (Appealed) The user interface as claimed in claim 7, wherein the selected variable value feature is a contrast function.

16. (Appealed) A method of setting a variable value feature on a control panel, the variable value feature having a plurality of values associated therewith, wherein the plurality of values include a default value, at least one industry accepted standard value, and a plurality of non-default values, the control panel having user activatable areas enabling a selection and changing of the variable value feature, comprising:

(a) displaying, on a display device, a first numeric value associated with a user selected variable value feature;

(b) changing the displayed first numeric value associated with the selected variable value feature by a predetermined numeric amount so as to display a second numeric value associated with the selected variable value feature by a user engaging one of the user activatable areas of the control panel associated with the selected variable value feature;

(c) determining if the displayed second numeric value is an industry accepted standard value associated with the displayed second numeric value;

(d) displaying an annotated message corresponding to the industry accepted standard value along with the displayed second numeric value associated with the selected variable value feature when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature, the annotated message expressing the industry accepted standard value associated with the displayed second numeric value in a non-numeric form; and

(e) displaying no annotated message when it is determined that the displayed second numeric value is not an industry accepted standard value associated with the selected variable value feature.

17. (Appealed) The method as claimed in claim 16, further comprising:

(f) disabling the user activatable areas of the control panel associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed second numeric value is an industry accepted standard value associated with the selected variable value feature so as to allow the user to become aware of the displayed annotated message.

18. (Appealed) The method as claimed in claim 16, further comprising:

(f) determining whether the displayed second numeric value associated with the selected variable value feature is a minimum value for the selected variable value feature;

(g) disabling a user activatable area of the control panel associated selected variable value feature that enables the value of the selected variable value feature to be decremented when it is determined that the displayed second numeric value associated with the selected variable value feature is a minimum value for the selected variable value feature.

19. (Appealed) The method as claimed in claim 16, further comprising:

(f) determining whether the displayed second numeric value associated with the selected variable value feature is a maximum value for the selected variable value feature; and

(g) disabling a user activatable area of the control panel associated selected variable value feature that enables the value of the selected variable value feature to be incremented when it is determined that the displayed second numeric value associated with the selected variable value feature is a maximum value for the selected variable value feature.

20. (Appealed) The method as claimed in claim 16, further comprising:

(f) disabling the user activatable areas of the control panel associated with the selected variable value feature for a predetermined period of time when it is determined that the displayed numeric second value is an industry accepted standard value associated with the selected variable value feature so as to allow the user to become aware of the displayed annotated message;

(g) determining whether the displayed second numeric value associated with the selected variable value feature is a minimum value for the selected variable value feature;

(h) disabling a user activatable area of the control panel associated selected variable value feature that enables the value of the selected variable value feature to be decremented when it is determined that the displayed second numeric value associated

with the selected variable value feature is a minimum value for the selected variable value feature;

(i) determining whether the displayed second numeric value associated with the selected variable value feature is a maximum value for the selected variable value feature; and

(j) disabling a user activatable area of the control panel associated selected variable value feature that enables the value of the selected variable value feature to be incremented when it is determined that the displayed second numeric value associated with the selected variable value feature is a maximum value for the selected variable value feature.

IX. EVIDENCE APPENDIX

NONE

X. RELATED PROCEEDINGS APPENDIX

NONE